

# EPA Region IX and California Water Resources Control Board

## Sanitary Sewer Collection System Inspection Report

<b>Collection System Name and Location</b> City of Beverly Hills Collection System 345 Foothill Rd. Beverly Hills, CA 90210		<b>Entry Date</b> 8/9/2012  <b>Entry Time</b> 8:00 AM	<b>Permit Effective Date</b> 5/2/2006								
<b>Order Number</b> 2006-0003-DWQ & 2008-0002-EXEC	<b>WDID Number</b> 4SSO10370		<b>Permit Expiration Date</b>								
<b>Name(s) &amp; Title(s) of On-Site Representative(s)</b> Christian Di Renzo (Senior Management Analyst) Ken Gettler (Drainage Systems Supervisor)	<b>Contact Information</b> Phone: (310) 288-2821 E-mail: cdirenzo@beverlyhills.org	<b>Notified of Inspection?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
<b>Name, Title &amp; Address of Responsible Official</b> Christian Di Renzo (Senior Management Analyst) 345 Foothill Rd. Beverly Hills, CA 90210	<b>Contact Information</b> Phone: (310) 288-2821 E-mail: cdirenzo@beverlyhills.org	<b>Official Contacted?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No									
<b>Inspector(s)</b> <b>Primary:</b> Max Kuker (PG Environmental, LLC) <b>Other(s):</b> Jake Albright (PG Environmental, LLC); Russ Colby (Los Angeles Water Board); and Barbara Guia (Los Angeles Water Board)			<b>Presented Credentials?</b> <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
<b>Weather Conditions at the Time of the Inspection:</b> Sunny; no recent precipitation		<b>Receiving WWTP Information</b> <b>Name:</b> City of Los Angeles Hyperion Treatment Plant <b>NPDES No.:</b> CA0109991									
<b>Overview of Areas Evaluated During Inspection</b> <i>S = Satisfactory, M = Marginal, U = Unsatisfactory, N = Not Evaluated</i>											
<table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">SSO History: U</td> <td style="width: 50%;">Operations &amp; Maintenance: U</td> </tr> <tr> <td>SSO Reporting &amp; Documentation: U</td> <td>Overflow Emergency Response Plan: U</td> </tr> <tr> <td>Legal Authority: S</td> <td>FOG Control Program: N</td> </tr> <tr> <td>Sewer System Mapping: M</td> <td>Program Self-Assessment: U</td> </tr> </table>				SSO History: U	Operations & Maintenance: U	SSO Reporting & Documentation: U	Overflow Emergency Response Plan: U	Legal Authority: S	FOG Control Program: N	Sewer System Mapping: M	Program Self-Assessment: U
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Prepared By: Jake Albright (PG Environmental, LLC) on 8/16/2012 Reviewed By: Max Kuker (PG Environmental, LLC) on 8/22/2012											

## **Narrative**

On August 9, 2012 a USEPA contractor inspected the City of Beverly Hills (City) Collection System in Beverly Hills, CA. Discharges from the collection system are regulated by the Sanitary Sewer System Waste Discharge Requirements 2006-0003-DWQ, and its accompanying Amended Monitoring Plan Order No. 2008-0002-EXEC (hereafter Amended MRP). The primary purpose of the inspection was to determine the accuracy and reliability of the Discharger's self-monitoring and reporting program. The primary on-site representatives were Christian Di Renzo (Senior Management Analyst) and Ken Gettler (Drainage Systems Supervisor).

The primary goals of this inspection were to gather necessary information for compliance and enforcement purposes as stated in the Compliance and Enforcement Plan for the Sanitary Sewer Overflow Reduction Program posted on the Sanitary Sewer Overflow Reduction Program website and to evaluate the effectiveness of controls used by the City to prevent discharges as prohibited by the Clean Water Act (CWA). The inspection encompassed on-site inspections and subsequent review of pertinent sewer system information, including review of Sewer System Management Plans (SSMPs); maintenance, operations, and management activities; Sewer Use Ordinance; financial information; and other areas needed to verify the discharger's compliance with all requirements of the SSSWDR, including efforts to eliminate, reduce and/or mitigate sanitary sewer overflows (SSOs).

The State Water Resources Control Board (State Water Board), Office of Enforcement, and Los Angeles Water Board are conducting Compliance Inspections (Inspections) of sewer collection systems as part of the combined Water Boards' enforcement response to verify compliance with "Waste Discharge Requirements for Sanitary Sewer Systems," Water Quality Order No. 2006-0003-DWQ, and its associated Amended MRP (2008-0002-EXEC) (hereafter referred to as SSSWDR (the acronym for the term Sanitary Sewer Systems Waste Discharge Requirements in Water Board vernacular), and amended MRP).

The collection system is regulated under the SSSWDR (2006-0003-DWQ) and associated Amended MRP (2008-0002-EXEC), which requires all public agencies that own or operate a sanitary sewer system comprised of more than one mile of pipes that convey wastewater to a publicly owned treatment facility to apply to the State Water Board for coverage under the SSSWDR. Applicable public agencies were required to file a Notice of Intent (NOI) for each individual sanitary sewer collection system owned or operated by the public agency by November 2, 2006. State Water Board records show that the City filed an NOI with the State Water Board to enroll the "City of Beverly Hills Collection System," which was assigned WDID #4SSO10370 by the State Water Board, effective on November 21, 2006.

No prior inspection of the collection system has been conducted by either the State Water Board, or the Los Angeles Water Board.

## **System Overview**

The City owns and operates the collection system, a medium-sized sanitary sewer collection system that serves the entire area of the City of Beverly Hills, Los Angeles County, CA (approximately 5.7 square miles). Sewage conveyed by the collection system is discharged into the City of Los Angeles Hyperion Service Area (HSA) Collection System (WDID No. 4SSO10502) and ultimately treated at the City of Los Angeles Hyperion Treatment Plant (WDID No. 4B190106002), which is owned and operated by the City of Los Angeles.

According to the City's "Collection System Questionnaire" (Questionnaire) required by the SSSWDR, last updated by the City on April 21, 2012, and confirmed during the inspection, the collection system serves an estimated population of approximately 33,350 residents, and contains 100.5 miles of gravity sewers and 9,014 sewer service connections.

### **Inspection Timeline**

<b>Time</b>	<b>Inspection Activity/Task</b>
8:00 AM	Entry and Opening Meeting
8:20 AM	Office Discussion
11:15 AM	Lunch
12:20 PM	Documentation Review
1:20 PM	Interviews with Call Center and Data Entry Staff
2:20 PM	Field Activity 1 – Field Crew Rodding Operation
3:00 PM	Field Activity 2 – Past SSO Location (Coldwater Canyon Dr.)
3:30 PM	Closing Meeting
3:45 PM	Exited the Inspection

### **Major Findings**

#### ***SSO History***

1. State Water Board Order 2006-0003-DWQ, Part C.1 prohibits the discharge of untreated or partially treated wastewater to waters of the United States. Further, Part C.2 prohibits the discharge of untreated or partially treated wastewater that creates a nuisance as defined in California Water Code Section 13050(m). Based on a review of the SSO Public Report generated from the Online SSO Database (refer to Attachments 1 and 2), on nine occasions between July 1, 2011 and August 16, 2012, untreated wastewater was discharged from the collection system to a separate storm drain where they were reported in the California Integrated Water Quality System (CIWQS) to not have been totally or partially contained. These SSOs were not reported to have reached waters of the United States.

The Drainage Systems Supervisor explained during the inspection that most SSOs are assumed to dry up/evaporate in the storm drain system before being discharged because of the storm sewer systems distant proximity to waters of the United States. No specific data was available as to what the distance would be or what volume of SSO would have to be to have the potential to discharge to waters of the United States. He further explained that it is the City's first priority to break the blockage and restore flow to the sanitary sewer line, and then to clean up the overflow.

The City also reported a 280 gallon SSO on May 15, 2012 which discharged to a private building or structure in addition to a separate storm drain. It should be noted that a work order or SSO report was requested and was not able to be produced from the City's computerized maintenance management system (CMMS) regarding this event. Refer to the 'Major Findings – SSO Reporting & Documentation' section of this report for details concerning the City's CMMS reporting.

#### ***SSO Reporting & Documentation***

1. Monitoring and Reporting Program 2006-0003-DWQ, Part B.5.g requires the Enrollee to maintain work orders, work completed, and any other maintenance records from the previous 5

years which are associated with responses and investigations of system problems related to SSOs. At the time of the inspection, the inspectors made a document request for work orders and spill reports related to all SSOs occurring between July 1, 2011 and August 9, 2012. The City representatives were unable to produce field reports and/or CMMS documentation when requested for several SSOs reported in the Online SSO Database for the same time period. Specifically records for reported SSOs occurring on August 30, 2011, December 31, 2011, March 13, 2012, April 30, 2012 (note that two SSOs were reported on this day), and May 14, 2012 were not able to be provided at the time of the inspection. Refer to Attachment 3 for the SSO documentation that was able to be provided.

### ***Operations & Maintenance***

1. State Water Board Order 2006-0003-DWQ, Part D.7 requires that “When a sanitary sewer overflow occurs, the Enrollee shall take all feasible steps and necessary remedial actions to 1) control or limit the volume of untreated or partially treated wastewater discharged, 2) terminate the discharge, and 3) recover as much of the wastewater discharged as possible for proper disposal, including any wash down water.” The City has one vactor truck with a maximum capacity of only 350 gallons. City representatives expressed concern over the ability of the City to respond to large or catastrophic SSOs with its current assets. It should be noted that the largest reported SSO in the past 12 months was 750 gallons, none of which was recovered. The Senior Management Analyst indicated that there has been some discussion of the City purchasing a larger unit in the past; however, there are currently no plans to upgrade that line of machinery.

Further, the Drainage Systems Supervisor stated that most of the City's sewer maintenance workers live far away from the City due the high cost of living associated with being closer. This could result in a slow response time in the event of a large or catastrophic SSO, especially during off-hours. The Senior Management Analyst indicated that the City is considering hiring a contractor in the future to help in an emergency response situation. He also indicated that an Overflow Emergency Response Plan and associated training will be provided when the SSMP is adopted. Refer to the ‘Major Findings – Overflow Emergency Response Plan’ section of this report for details.

2. State Water Board Order 2006-0003-DWQ – Sewer System Management Plans, Item 5 requires the Enrollee “To facilitate proper funding and management of sanitary sewer systems, each Enrollee must develop and implement a system-specific Sewer System Management Plan (SSMP). To be effective, SSMPs must include provisions to provide proper and efficient management, operation, and maintenance of sanitary sewer systems, while taking into consideration risk management and cost benefit analysis. Additionally, an SSMP must contain a spill response plan that establishes standard procedures for immediate response to an SSO in a manner designed to minimize water quality impacts and potential nuisance conditions.” The Senior Management Analyst indicated that the City does not currently, nor ever had a SSMP in place. He indicated the in the past, one had been started through a consulting firm; however, it was never completed. He further stated that the SSMP development process is being budgeted for the next fiscal year. He stated that a new consulting firm will be hired in the coming months to finish the document.

In the meantime, many of the programs and processes that are required to be outlined in the SSMP are being conducted mainly through the use of institutional knowledge of the sewer system.

3. State Water Board Order 2006-0003-DWQ, Part D.13.iv.d states that the Enrollee shall “Provide training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained.” According to the Drainage System Supervisor, the City currently provides no formal or documented training for sanitary sewer system staff. It should be noted that he did indicate that sewer maintenance personnel are preferred to be CWEA certified and it is a requirement for management. Maintenance personnel also have the option to attend general training seminars if they choose to.
4. State Water Board Order 2006-0003-DWQ, Part D.13.iv.b requires that “The Preventative Maintenance (PM) program should have a system to document scheduled and conducted activities, such as work orders.” According to the Drainage System Supervisor, PM operations are not formally tracked. He did indicate that he maintained a map of areas that had been cleaned, and those areas that still needed to be. Upon review of the map, the inspectors found that some areas that were already cleaned were not tagged as completed, and that there was no system in place to track hot spot areas which have cleaning schedules of more than one time per year. The Drainage System Supervisor indicated that the majority of the cleaning scheduling is done based on institutional knowledge.

### ***Overflow Emergency Response Plan***

1. State Water Board Order 2006-0003-DWQ, Part D.13.vi requires that “Each Enrollee shall develop and implement an overflow emergency response plan that identifies measures to protect public health and the environment.” The City does not currently have a formalized Overflow Emergency Response Plan. As previously stated in the ‘Major Findings – Operations & Maintenance’ section of this report, the Senior Management Analyst stated that the SSMP development process is being budgeted for the next fiscal year and that a new consulting firm will be hired in the coming months to finish the document. It was indicated by City representatives that an Overflow Emergency Response Plan will be included when the SSMP is adopted. The Senior Management Analyst stated that a kickoff meeting for the SSMP development project is scheduled for August 20, 2012.
2. State Water Board Order 2006-0003-DWQ, Part D.13.vi.d requires that the Overflow Emergency Response Plan provide “Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Emergency Response Plan and are appropriately trained.” The City does not have a formal Overflow Emergency Response Plan and the City representatives stated that the City does not provide formal training to personnel on emergency response procedures or operations and maintenance programs. It was indicated by the City representatives that provisions for this plan and associated training will be provided for when the SSMP is adopted.

### ***Program Self-Assessment***

1. State Water Board Order 2006-0003-DWQ, Part D.13.ix.c requires that the Enrollee shall “Assess the success of the preventative maintenance program.” The City has not assessed the success of a PM program. According the Drainage Systems Supervisor, PM activities are tracked and planned mostly based on institutional knowledge of the sewer system.
2. State Water Board Order 2006-0003-DWQ, Part D.13.ix.d requires that the Enrollee shall “Update program elements, as appropriate, based on monitoring or performance evaluations.” As stated previously in this report, the City has yet to implement a SSMP. According the Senior Management Analyst, a SSMP should be adopted before the end of 2012.

3. State Water Board Order 2006-0003-DWQ, Part D.13.ix.e requires that the Enrollee shall “Identify and illustrate SSO trends, including: frequency, location, and volume.” According to City representatives, the City has not assessed the PM program, including the assessment of SSO trends. Further, the City doesn’t perform post SSO briefings. Refer to the ‘Areas of Concern – SSO Reporting & Documentation’ section of this report for details.
4. State Water Board Order 2006-0003-DWQ, Part D.13.x requires that “As part of the SSMP, the Enrollee shall conduct periodic internal audits, appropriate to the size of the system and the number of SSOs. At a minimum, these audits must occur every two years and a report must be prepared and kept on file. This audit shall focus on evaluating the effectiveness of the SSMP and the Enrollee’s compliance with the SSMP requirements identified in this subsection (D.13), including identification of any deficiencies in the SSMP and steps to correct them.” It was discovered during a document review post-inspection that an internal audit of the City for SSSWDR compliance was last conducted in 2007 in preparation for developing a SSMP. However, as of the date of the inspection, the SSMP had not been completed and implemented.

### **Areas of Concern**

#### ***SSO History***

1. According to the Drainage Systems Supervisor, formal post-SSO briefings are not conducted with collections staff, management and others involved, in order to evaluate root cause of SSOs and document service changes necessary to prevent the reoccurrence of the SSO and be prepared in responding to SSOs in the future. He did indicate that informal communication takes place between field crews and management after SSO events.

#### **SSO Reporting & Documentation**

1. The City does not report private lateral sewage discharges in CIWQS.
2. The City of Beverly Hills SSO Field Report (refer to Attachment 3) does not include all of the information required to be reported. The inspectors recommended that the SSO Worksheet include all required information. It should be noted, however, that the inspectors did not identify unreported information in CWIQS.
3. The City does not currently require field crews to take photographs to capture field observations during SSO events, sanitary spills or backups. It should be noted, however, that according to the Drainage Systems Supervisor, four new cameras have been purchased for the sewer department, but have not been distributed yet.

#### ***Sewer System Mapping***

1. State Water Board Order 2006-0003-DWQ, Part D.13.iv.a requires the Enrollee to “Maintain an up-to-date map of the sanitary sewer system, showing all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities.” Within the past year, the City has completed a program to CCTV 99 percent of the sanitary sewer system in preparation for a CIP. The results of this program are also currently being analyzed in order to develop the GIS mapping for the City's sanitary sewer.

**Attachments:**

1. SSO Public Report Detail Page – Category 1 and 2 SSOs (July 1, 2011 through August 16, 2012)
2. CIWQS – General Information Reports for nine reported Category 1 SSOs reported between July 1, 2011 and August 16, 2012
3. City of Beverly Hills SSO Field Reports for Spills Reported Between July 1, 2011 and August 9, 2012.
4. City of Beverly Hills Internal Audit for SSSWDR Compliance – Legal Authority Evaluation (Conducted by Advanced Infrastructure Management, Inc. in 2007)

**COLLECTION SYSTEM INFORMATION:**

INSPECTED ITEM	RESPONSE
1. Sanitary Sewer System Category	<b>Municipal</b>
2. Population served by agency's sanitary sewer system	<b>35,350</b>
3. Approximate size of the service area served by the sewer collection system	<b>5.7 square miles</b>
4. Miles of sanitary sewer in the collection system a. Gravity b. Force main	<b>100.5 miles</b> <b>N/A</b>
5. Number of pump stations in the collection system	<b>None</b>
6. Average monthly household user fee for sewage collection only <b>\$87.70 fee collected on a bi-minthly basis.</b>	<b>\$43.85</b>
7. Budget for operation and maintenance sanitary sewer system facilities a. Last fiscal year b. Current fiscal year c. Following fiscal year	<b>\$6.2 million</b> <b>\$8.9 million</b>
8. Number of staff (FTEs) that conduct sewer operation and maintenance tasks	<b>10</b>
9. Collection system maintenance equipment owned by the agency a. Combination vector truck(s) (hydro flush/vacuum) b. Mechanical rodder(s) c. Closed-circuit television (CCTV) inspection trucks d. Standalone CCTV camera units  <b>It was noted during the inspection that the City has a vector truck with 350 gallons of capacity. Refer to the 'Major Findings - Operations &amp; Maintenance' section of this report for details.</b>	<b>One</b> <b>Two</b> <b>One</b>
10. Method for assigning and tracking work orders for sewer system maintenance <b>The City uses the Hansen computerized maintenance management software (CMMS).</b>	<b>Hansen</b>
11. Budget for capital expenditures for sanitary sewer system facilities a. Last fiscal year b. Current fiscal year c. Following fiscal year	<b>\$4.3 million</b> <b>\$3.8 million</b>
12. Portion of sewer service laterals that agency is responsible for	<b>None</b>
13. Number of sewer service lateral connections	<b>9,014</b>



**COLLECTION SYSTEM INFORMATION:**

INSPECTED ITEM	RESPONSE
<p>14. Number of wastewater treatment plants (WWTPs) that ultimately receive wastewater from this collection system:            WWTP Name(s): <u><b>City of Los Angeles Hyperion Treatment Plant</b></u>            WDID No(s): <u><b>4B190106002</b></u></p>	<b>One</b>
<p>15. Does this collection system discharge into any other collection systems?            Collection System Name: <u><b>City of Los Angeles - HSA</b></u>            WDID No: <u><b>4SSO10502</b></u></p>	<b>Yes</b>
<p>16. Do any upstream collection systems greater than 25,000 gallons/day (gpd) discharge into this collection system?            Collection System Name: <u><b>N/A</b></u>            WDID No: <u><b>N/A</b></u></p>	<b>No</b>
<p>17. Percentage of flow in the collection system from the following sources:            a. Residential            b. Commercial            c. Industrial            d. Institutional  <b>The flow percentages are unknown according to the pre-inspection questionnaire.</b></p>	
<p>18. Has the agency developed standard and emergency operating procedures for each asset (e.g., pump stations, WWTP process units, and collection system force mains) in the event of a power and/or pumping failure?</p>	<b>Yes</b>
<p>19. Are pump stations in the collection system connected to a supervisory control and data acquisition (SCADA) system or an auto dialer system to detect pump failures or high/low wet well levels? If yes, how many?</p>	<b>N/A</b>
<p>20. Other:</p>	<b>N/A</b>
<p><b>Notes:</b></p>	

SSO HISTORY:

OVERALL RATING:

U

INSPECTED ITEM	EVAL
<p>1. Number of SSOs that occurred during the past twelve months that:</p> <ul style="list-style-type: none"> <li>a. Discharged to waters of the United States: <u>0</u></li> <li>b. Entered a storm sewer system and discharged to waters of the United States: <u>0</u></li> <li>c. Entered a storm sewer system but were contained prior to discharge to waters of the United States: <u>0</u></li> <li>d. Discharged to private residences/buildings: <u>1</u></li> </ul> <p><b>1a. and 1b. According to the online report in CIWQS, during the last twelve months the City did not report any SSO's where wastewater discharged to waters of the United States.</b></p> <p><b>1c. It should be noted that the City did have nine spills that reportedly reached separate storm drains, and were reported to not have been totally or partially contained. None of these SSOs were reported to have reached waters of the United States. It was explained by the Drainage Systems Supervisor during the inspection that most SSOs are assumed to dry up/evaporate in the storm drain system before being discharged because of the storm sewer systems distant proximity to waters of the United States. No specific data was available as to what the distance would be or what volume of SSO would have the potential to discharge to waters of the United States. Refer to the 'Major Findings - SSO History' for details.</b></p> <p><b>1d. The City reported a 280 gallon SSO on May 14, 2012 which discharged to a private building or structure in addition to a separate storm drain. Refer to the 'Major Findings - SSO History' for details.</b></p>	
<p>2. Does the agency hold post-SSO briefings with collections staff, management and others involved, to evaluate root cause of SSOs and document service changes necessary to prevent the reoccurrence of the SSO and be prepared in responding to SSOs in the future?</p> <p><b>Formal post-SSO briefings are not conducted; however, according to the Drainage Systems Supervisor, some level of informal conversations between management and field crews does take place. Refer to the 'Areas of Concern - SSO History' section of this report for details.</b></p>	No
<p>3. Provide a description of steps taken by the agency to mitigate largest (by volume) SSO event which occurred during previous 12 months :</p> <p><b>A 750 gallon spill occurred at 471 Roxbury Drive on May 1, 2012 as a result of fats, oils, and grease (FOG). The City crew's first objective was to break the blockage and restore flow to the sanitary sewer system. The overflow volume was allowed to enter a separate storm drain system and was not contained. As stated above, SSOs are assumed to dry up/evaporate in the storm sewer system before reaching waters of the United States. Refer to the 'Major Findings - SSO History' for details.</b></p>	U
<p>4. Other:</p>	N
<p><b>Notes:</b> <b>This section was rated "unsatisfactory" due to checklist items 1c., 1d., and 3.</b></p>	

SSO REPORTING & DOCUMENTATION:

OVERALL RATING:

U

INSPECTED ITEM	EVAL
1. Has the Enrollee obtained an SSO Database account by registering through the California Integrated Water Quality System (CIWQS) [Part G.3]?	Yes
2. Has the Enrollee updated the "Collection System Questionnaire" in the SSO Database at least every 12 months [Part G.3]? a. When was the questionnaire last updated? <b><u>April 21, 2012</u></b>	S
3. Have all Category 1 SSOs been reported in the Online SSO Database within 3 days of the Enrollee becoming aware of the SSO [Part A.4]?	S
4. Have all Category 2 SSOs been reported in the Online SSO Database within 30 days of the Enrollee becoming aware of the SSO [Part A.5]?	S
5. What is the Enrollee's policy on reporting private lateral sewage discharges in the Online SSO Database [Part A.6]? <b><i>The City does not report private lateral sewage discharges in CIWQS. Refer to the 'Areas of Concern - SSO Reporting &amp; Documentation' section of this report for details.</i></b>	M
6. Do field forms/processes used by the Enrollee to document the occurrence of SSOs ensure that all information identified in Part A.9, A.10, and A.11 is recorded and able to be reported in the Online SSO Database? <b><i>The field forms currently in use by City crews are lacking information pertinent to accurately reporting SSOs to the Online SSO Database. Refer to the 'Areas of Concern - SSO Reporting &amp; Documentation' section of this report for details.</i></b>	U
7. Has the Enrollee maintained individual SSO records for a period of at least five years from the date of the SSO occurrences [Part B.1]? <b><i>The City was unable to produce spill reports (field reports or Hansen reports) for multiple SSO events which occurred within the 12 months prior to the inspection. Refer to the 'Major Findings - SSO Reporting &amp; Documentation' section of this report for details.</i></b>	U
8. Does the agency require crews to take photographs of SSOs? <b><i>The City does not currently require field crews to take photographs. Refer to the 'Areas of Concern - SSO Reporting &amp; Documentation' section of this report for details.</i></b>	M
9. Does the SSMP identify the chain of communication for reporting SSOs, from receipt of a complaint or other information, including the person responsible for reporting SSOs to the State and Regional Water Board and other agencies if applicable [Part D.13(ii)(c)]? <b><i>The City had not adopted a SSMP as of the date of the inspection. Refer to the 'Operations &amp; Maintenance' section of this report for details.</i></b>	U

**SSO REPORTING & DOCUMENTATION:**

**OVERALL RATING:**

**U**

INSPECTED ITEM	EVAL
<p>10. Provide description of program/process used by the Enrollee for receiving, documenting, addressing, and tracking sanitary sewer complaints:</p> <p><i>The current program for receiving, documenting, addressing, and tracking sanitary sewer complaints is that calls are typically received by the Public Works Department operators (during normal business hours) where they are dispatched accordingly via radio. At the same time, a work order is generated in the Hansen CMMS system. After hours calls are typically received and dispatched to the Drainage Systems Supervisor via the Police Department. Work orders are generated and filed the next business day in the case of after hours calls.</i></p> <p><i>Responders carry field report forms with them in the field to document necessary information and services provided. The forms are then returned completed to the Public Works Department administrative staff in order to update Hansen and to file closed out orders. It should be noted that the process is not always implemented. Refer to checklist item 7. above for details.</i></p>	M
<p>11. Other:</p>	N
<p><b>Notes:</b></p> <p><i>This section was rated "unsatisfactory" due to checklist items 6. and 7. Checklist item 9. is accounted for in the 'Operations &amp; Maintenance' section of this report.</i></p>	

LEGAL AUTHORITY:

OVERALL RATING:

S

INSPECTED ITEM	EVAL
<p>1. Does the SSMP identify the name of the responsible or authorized representative [Part D.13(ii)(a)]?</p> <p>a. If so, is the current information up-to-date? <u>N/A</u></p> <p><b><i>The City had not adopted a SSMP as of the date of the inspection. Refer to the 'Operations &amp; Maintenance' section of this report for details.</i></b></p>	U
<p>2. Does the SSMP identify the names and telephone numbers for management, administrative, and maintenance positions responsible for implementing specific measures in the SSMP program [Part D.13 (ii)(b)]?</p> <p>a. If so, is the current information up-to-date? <u>N/A</u></p> <p><b><i>The City had not adopted a SSMP as of the date of the inspection. Refer to the 'Operations &amp; Maintenance' section of this report for details.</i></b></p>	U
<p>3. Has the Enrollee adopted a sewer use ordinance?</p> <p>a. If so, when was it adopted and last updated?</p> <p><b><u>August 5, 2005 (obtained from pre-inspection questionnaire).</u></b></p>	S
<p>4. Has the Enrollee established the necessary legal authority to [Part D.13(iii)]:</p> <p>a. Prevent illicit discharges into its sanitary sewer system (examples may include I/I, stormwater, chemical dumping, unauthorized debris and cut roots, etc.) [Part D.13(iii)(a)]</p> <p>b. Require that sewers and connections be properly designed and constructed [Part D.13(iii)(b)]</p> <p>c. Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency [Part D.13(iii)(c)]</p> <p>d. Limit the discharge of fats, oils, and grease and other debris that may cause blockages [Part D.13(iii)(d)]</p> <p>e. Enforce any violation of its sewer ordinances [Part D.13(iii)(e)]</p> <p><b><i>The inspectors did not conduct a technical review of the City's sewer ordinance. However, in a document review conducted by the inspectors after the inspection it was found that in 2007, the City conducted an in-house audit regarding its compliance with the SSSWDR which revealed that the City's sewer use ordinance lacked provisions for control measures concerning illicit discharges (refer to Attachment 4).</i></b></p>	<p>N</p> <p>N</p> <p>N</p> <p>N</p> <p>N</p>
<p>5. Other:</p>	N
<p><b>Notes:</b></p> <p><b><i>This section was rated "satisfactory" because checklist items 1. and 2. are accounted for in the 'Operations &amp; Maintenance' section of this report.</i></b></p>	

SEWER SYSTEM MAPPING:

OVERALL RATING:

M

INSPECTED ITEM	EVAL
<p>1. Has the Enrollee developed and maintained an up-to-date <u>map</u> of the sanitary sewer system [Part D.13 (iv)(a)]?</p> <p>a. When was the map last updated? <b><u>A new GIS map is currently being developed.</u></b></p> <p>b. Does the Enrollee have a program or policy for maintaining its sewer system map up-to-date? If so, provide brief description. <b><u>Within the past year, the City has completed a program to CCTV 99 percent of the sanitary sewer system in preparation for a CIP. The results of this program are also being analyzed in order to develop the GIS mapping for the City's sanitary sewer. Refer to 'Areas of Concern - Sewer System Mapping' for details.</u></b></p>	M
<p>2. Does the map identify all gravity line segments and manholes, pumping facilities, pressure pipes and valves, and applicable stormwater conveyance facilities [Part D.13 (iv)(a)]?</p> <p><b><u>Refer to checklist items 1a. and 1b. of this section.</u></b></p>	N
<p>3. What format is the map maintained in? Provide brief description.</p> <p><b><u>The sanitary sewer map will be GIS.</u></b></p>	S
<p>4. Other:</p>	N
<p><b>Notes:</b></p> <p><b><i>This section was rated "marginal" due to checklist item 1.</i></b></p>	

OPERATIONS & MAINTENANCE:

OVERALL RATING:

U

INSPECTED ITEM	EVAL
<p>1. Does the SSMP describe routine preventive operation and maintenance activities by staff and contractors, including a system for scheduling regular maintenance and cleaning of the sanitary sewer system with more frequent cleaning and maintenance targeted at known problem areas [Part D.13 (iv)(b)]?</p> <p>a. If so, how often is it adjusted to reflect the changing needs of the system? <u>N/A</u></p> <p><b><i>The City had not adopted a SSMP as of the date of the inspection. Refer to the 'Major Findings - Operations &amp; Maintenance' section of this report for details.</i></b></p>	U
<p>2. Does the Enrollee have a system to document scheduled and conducted activities, such as work orders [Part D.13 (iv)(b)]? If so, provide brief description of system.</p> <p><b><i>The City utilizes the Hansen CMMS system for developing and tracking work orders and service requests.</i></b></p>	S
<p>3. Has the Enrollee established performance standards or sewer system cleaning/inspection goals? If so, provide brief description.</p> <p><b><i>According to the Drainage System Supervisor, the City's goal is to clean the entire sewer system at least once per year. He also stated that there are certain hot spot areas that get cleaned on a 30, 60, or 90 day interval.</i></b></p>	S
<p>4. Sewer cleaning and inspection activities:</p> <p>a. Total gravity sewer collection system cleaning production (hydro flushing, mechanical and hand rodding) over the <u>past</u> 12 months (miles): <u>N/A</u></p> <p>b. Total gravity sewer collection system cleaning production scheduled (hydro flushing, mechanical and hand rodding) for the <u>next</u> 12 months (miles): <u>N/A</u></p> <p>c. Total CCTV Inspection production in the <u>past</u> 12 months (miles): <u>N/A</u></p> <p>d. Total CCTV inspection production scheduled for the <u>next</u> 12 months (miles): <u>N/A</u></p> <p><b><i>Note: The Enrollee's collection system comprises 100.5 miles of sewer.</i></b></p> <p><b><i>The City does not track or document PM procedures. When asked, City representatives were not able to provide definitive estimates on the amount of work completed. Refer to the 'Major Findings - Operations &amp; Maintenance' section of this report for details.</i></b></p>	U
<p>5. Does the agency retain contract service(s) for sewer collection system maintenance, operations, and/or management?</p> <p>a. If collection system cleaning activities are performed by outside contractors, does the agency require video (CCTV) inspections before and after cleaning to measure the effectiveness of these activities? <u>N/A</u></p>	No
<p>6. Does the agency inspect pipes with CCTV video after all SSO(s)?</p>	S
<p>7. Has the Enrollee identified focused problem areas ("SSO hot spots") located throughout the collection system?</p> <p>a. Total number of identified hotspots:</p> <p><b><i><u>There are approximately 87 hot spots which were cleaned on a 30 day cycle, 87 hot spots which are cleaned on a 60 day cycle, and 69 hot spots which are cleaned on a 90 day cycle.</u></i></b></p>	S

**OPERATIONS & MAINTENANCE:**

**OVERALL RATING:**

U

INSPECTED ITEM	EVAL
<p>8. Does the SSMP include a rehabilitation and replacement plan to identify and prioritize system deficiencies and implement short-term and long-term rehabilitation actions to address each deficiency [Part D.13 (iv)(c)]?</p> <p><b><i>Refer to checklist item 1. of this section.</i></b></p>	U
<p>9. Does the agency have a program in place to identify areas with inflow &amp; infiltration (I/I)?</p> <p>a. Total number of sewer miles identified by this program: <u>N/A</u></p> <p>b. Are there plans in place for eliminating the identified I/I issues? <u>N/A</u></p>	N
<p>10. Does the SSMP include information for providing training on a regular basis for staff in sanitary sewer system operations and maintenance, and require contractors to be appropriately trained [Part D.13 (iv)(d)]?</p> <p><b><i>Refer to checklist item 1. of this section. It should also be noted that the City does not provide sewer specific training. Refer to the 'Major Findings - Operations and Maintenance' section of this report for details on training.</i></b></p>	U
<p>11. Does the SSMP include design and construction standards and specifications for the installation of new sanitary sewer systems, pump stations and other appurtenances, and for the rehabilitation and repair of existing sanitary sewer systems [Part D.13 (v)(a)]?</p> <p><b><i>Refer to checklist item 1. of this section.</i></b></p>	U
<p>12. Does the SSMP include procedures and standards for inspecting and testing the installation of new sewers, pumps, and other appurtenances and for rehabilitation and repair projects [Part D.13 (v)(b)]?</p> <p><b><i>Refer to checklist item 1. of this section.</i></b></p>	U
<p>13. Has the Enrollee prepared and implemented a capital improvement plan (CIP) that will provide hydraulic capacity of key sanitary sewer system elements for dry weather peak flow conditions, as well as the appropriate design storm or wet weather events [Part D.13(viii)]?</p> <p>a. When was the CIP last updated? <u>Not evaluated</u></p>	Yes
<p>14. Other:</p>	N
<p><b>Notes:</b></p> <p><b><i>This section was rated "unsatisfactory" due to checklist items 1., 4., 8., 10., 11., and 12.</i></b></p>	



**OVERFLOW EMERGENCY RESPONSE PLAN:**

**OVERALL RATING:**

**U**

INSPECTED ITEM	EVAL
<p>1. Has the Enrollee developed and implemented an Overflow Emergency Response Plan that identifies measures to protect public health and the environment [Part D.13 (vi)]?</p> <p><b><i>The City had not developed a formal Overflow Emergency Response Plan. Refer to the 'Major Findings - Overflow Emergency Response Plan' section of this report for details.</i></b></p>	U
<p>2. Does the agency provide initial and recurrent training to appropriate staff [including outside contractor(s)] regarding your agency's SSO Emergency Response Plan and O&amp;M programs?</p> <p>a. What percentage of applicable staff was trained during the past 12 months? <b><i>N/A</i></b></p> <p><b><i>Refer to checklist item 1. of this section and the 'Major Findings - Overflow Emergency Response Plan' for details concerning emergency response training.</i></b></p>	U
<p>3. For contracted sewer services, do the contracting specifications contain specific language requiring initial and recurrent training of contractor staff regarding your agency's SSO Emergency Response Plan and O&amp;M programs?</p> <p><b><i>Refer to checklist item 1. of this section and the 'Major Findings - Overflow Emergency Response Plan' for details concerning emergency response training.</i></b></p>	U
<p>4. Does the Overflow Emergency Response Plan include the following [Part D.13(vi)]:</p> <p>a. Proper notification procedures so that the primary responders and regulatory agencies are informed of all SSOs in a timely manner [Part D.13(vi)(a)]</p> <p>b. Program to ensure an appropriate response to all overflows [Part D.13(vi)(b)]</p> <p>c. Procedures to ensure prompt notification to appropriate regulatory agencies and other potentially affected entities (e.g. health agencies, Regional Water Boards, water suppliers, etc.) of all SSOs that potentially affect public health or reach the waters of the State in accordance with the MRP [Part D.13(vi)(c)]</p> <p>d. Procedures to ensure that appropriate staff and contractor personnel are aware of and follow the Emergency Response Plan and are appropriately trained [Part D.13(vi)(d)]</p> <p>e. Procedures to address emergency operations, such as traffic and crowd control and other necessary response activities [Part D.13(vi)(e)]</p> <p>f. A program to ensure that all reasonable steps are taken to contain and prevent the discharge of untreated and partially treated wastewater to waters of the United States and to minimize or correct any adverse impact on the environment resulting from the SSOs, including such accelerated or additional monitoring as may be necessary to determine the nature and impact of the discharge [Part D.13(vi)(f)]</p> <p><b><i>Refer to checklist item 1. of this section.</i></b></p>	<p>N</p> <p>N</p> <p>N</p> <p>N</p> <p>N</p> <p>N</p>
<p>5. Other:</p>	N
<p><b>Notes:</b></p> <p><b><i>This section was rated "unsatisfactory" due to checklist items 1., 2., and 3.</i></b></p>	

## FOG CONTROL PROGRAM:

## OVERALL RATING:

**N**

INSPECTED ITEM	EVAL
1. Has the Enrollee evaluated its service area to determine whether a FOG control program is needed [Part D.13(vii)]: a. If so, what was the result of the evaluation?	N
2. If the Enrollee has determined that a FOG control program is necessary, has the Enrollee developed and implemented the FOG control program?  a. What sources of FOG does the program address? b. Approximately how many commercial food service establishments (FSEs) are subject to FOG control? _____	N
3. Does the FOG Control Program Plan include the following [Part D.13(vii)]:  a. An implementation plan and schedule for a public education outreach program that promotes proper disposal of FOG [Part D.13(vii)(a)]  b. A plan and schedule for the disposal of FOG generated within the sanitary sewer system service area. This may include a list of acceptable disposal facilities and/or additional facilities needed to adequately dispose of FOG generated within a sanitary sewer system service area [Part D.13(vii)(b)]  c. The legal authority to prohibit discharges to the system and identify measures to prevent SSOs and blockages caused by FOG [Part D.13(vii)(c)]  d. Requirements to install grease removal devices (such as traps or interceptors), design standards for the removal devices, maintenance requirements, BMP requirements, record keeping and reporting requirements [Part D.13(vii)(d)]  e. Authority to inspect grease producing facilities, enforcement authorities, and whether the Enrollee has sufficient staff to inspect and enforce the FOG ordinance [Part D.13(vii)(e)]  f. An identification of sanitary sewer system sections subject to FOG blockages and establishment of a cleaning maintenance schedule for each section [Part D.13(vii)(f)]  g. Development and implementation of source control measures for all sources of FOG discharged to the sanitary sewer system for each section identified in (f) above [Part D.13(vii)(f)]	N                     
4. Other:	N
<b>Notes:</b> <i>City representatives stated that the City of Los Angeles implements the FOG program within the City's collection system and therefore a review of the FOG program was not conducted.</i>	

**PROGRAM SELF-ASSESSMENT:**

**OVERALL RATING:**

**U**

INSPECTED ITEM	EVAL
<p>1. Has the Enrollee assessed the success of the preventive maintenance program [Part D.13 (ix)(c)]?</p> <p>a. If so, provide a brief description of assessment results. _____</p> <p><b><i>The City does not track PM activities. Refer to the 'Major Findings - Program Self-Assessment' section of this report for details.</i></b></p>	U
<p>2. Has the Enrollee updated SSMP program elements, as appropriate, based on monitoring or performance evaluations [Part D.13 (ix)(d)]?</p> <p>a. When was the SSMP last updated?</p> <p><b><i>The City has yet to adopt a SSMP. Refer to the 'Major Findings - Program Self-Assessment' section of this report for details.</i></b></p>	U
<p>3. Has the Enrollee identified and illustrated SSO trends, including frequency, location, and volume [Part D.13 (ix)(e)]?</p> <p>a. If so, provide a brief description of identified trends. _____</p> <p><b><i>The City has not assessed the PM program. Refer to the 'Major Findings - Program Self-Assessment' section of this report for details.</i></b></p>	U
<p>4. Has the Enrollee conducted periodic internal audits of the SSMP [Part D.13(x)]?</p> <p><b><i>The City has not implemented a SSMP. Refer to the 'Major Findings - Program Self-Assessment' section of this report for details.</i></b></p>	U
<p>5. Have the audits occurred at least every two years?</p> <p>a. When was the last audit conducted? <b><u>September 12, 2007</u></b></p> <p>b. Provide a brief description of major changes made to the program as a result of the last audit. <b><i>N/A</i></b></p> <p><b><i>An internal audit of the City for SSSWDR compliance was conducted in 2007 in preparation for developing a SSMP; however, as of the date of the inspection, the SSMP has not been completed and implemented. Refer to the 'Major Findings - Program Self-Assessment' section of this report for details.</i></b></p>	U
<p>6. Other:</p>	N
<p><b>Notes:</b></p> <p><b><i>This section was rated “unsatisfactory” due to checklist items 1., 2., 3., 4., and 5.</i></b></p>	

Attachment 1

SSO Public Report Detail Page

Category 1 and 2 SSOs

July 1, 2011 through August, 20, 2012



## California Integrated Water Quality System Project (CIWQS)

## SSO Public Report - Detail Page

Here is the detail page of your SSO public report search for the selected region, responsible agency, or collection system. These results correspond to the following search criteria:

SEARCH CRITERIA: [\[REFINE SEARCH\]](#)

- Region (4)
- Spill Type (sso\_cat1\_2)
- Start Date (07/01/2011)
- End Date (08/20/2012)

The table below presents important details for all sewage discharge locations, as submitted through individual SSO reports, which meet the search criteria selected. If data is not shown for a particular field, it means the Enrollee did not provide the information and was not required to do so. To view the entire SSO report for a specific sewage discharge location, please select the corresponding EVENT ID.

DRILLDOWN HISTORY: [\[GO BACK TO SUMMARY PAGE\]](#)

REGION: 4

[\[VIEW PRINTER FRIENDLY VERSION\]](#)

<a href="#">EVENT ID</a>	<a href="#">Region</a>	<a href="#">Responsible Agency</a>	<a href="#">Collection System</a>	<a href="#">SSO Category</a>	<a href="#">Start Date</a>	<a href="#">SSO Address</a>	<a href="#">SSO City</a>	<a href="#">SSO Vol</a>	<a href="#">Vol of SSO Recovered</a>	<a href="#">Vol of SSO Reached Surface Water</a>	<a href="#">SSO Failure Point</a>	<a href="#">WDID</a>
<a href="#">770493</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2011-08-30 08:40:00.0	1171 Coldwater Canyon Drive	Beverly Hills	160	0	0	There was a leak in the Edison vault.	4SSO10370
<a href="#">775245</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2011-12-31 11:20:00.0	1171 Coldwater Canyon Drive	Beverly Hills	240	0	0	There was a leak in the Edison vault.	4SSO10370
<a href="#">776737</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-01-31 13:20:00.0	925 Whittier Drive	Beverly Hills	54	44	0	Main	4SSO10370
<a href="#">778602</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-03-13 08:50:00.0	1126 Coldwater Cyn. Drive		700	0	0	Main	4SSO10370
<a href="#">780801</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-04-30 13:21:00.0	1116 Laurel Way	Beverly Hills	30	0	0	manhole	4SSO10370
<a href="#">780825</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-04-30 18:58:00.0	Beverly Green Drive	Beverly Hills	295	0	0	Main	4SSO10370
<a href="#">780833</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-05-01 08:34:00.0	471 Roxbury Drive	Beverly Hills	750	0	0	Main	4SSO10370
<a href="#">781325</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-05-14 16:35:00.0	474 Peck Drive	Beverly Hills	280	150	0	Main	4SSO10370
<a href="#">785019</a>	4	Beverly Hills City DPW	Beverly Hills City CS	Category 1	2012-08-11 07:07:00.0	1147 Pickfair Way	Beverly Hills	630	0	0	Manhole	4SSO10370

The current report was generated with real-time data entered by Enrollees.

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## Attachment 2

### CIWQS – General Information Reports

(Nine Reports for Category 1 & 2 SSOs reported between July 1, 2011 and August 20, 2012)



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	785019	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken L. Gettler on 2012-08-11 00:00:00.0**

**1 - Spill Type:** SSO Category 1  
**2 - Version:** Certified

**Physical Location Details**

**\*3 - Spill location name:** Beverly Hills, CA  
**\*4 - Latitude of spill location:** 34.09067  
**\*5 - Longitude of spill location:** -118.42014  
**6 - Address:** 1147 Pickfair Way  
**12 - City:** Beverly Hills   **13 - State:** CA   **14 - Zip:** 90210  
**\*15 - County:** Los Angeles  
**16 - Spill location description:** On street beside the above address.  
**\*17 - Regional Water Quality Control Board:** 4

**Spill Details**

**\*18 - Spill appearance point:** Gravity sewer;Manhole

**19 - Spill appearance point explanation:**

**\*20 - Did the spill discharge to a drainage channel and/or surface water?** No

**\*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?** Yes

**\*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?** No

**\*23 - Private lateral spill?** No

**24 - Name of responsible party (for private lateral spill only, if known):**

<b>*25 - Final spill destination:</b>	Separate storm drain;Street/curb and gutter
<b>26 - Explanation of final spill destination:</b>	
<b>*27 - Estimated spill volume:</b>	630 gallons
<b>* 28 - Estimated volume of spill recovered:</b>	0 gallons
<b>*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:</b>	N/A
<b>29 - Estimated current spill rate (if applicable):</b>	6.1 gallons per minute
<b>*30 - Estimated spill start date/time:</b>	2012-08-11 07:07:00.0
<b>*31 - Date and time sanitary sewer system agency was notified of or discovered spill:</b>	2012-08-11 07:07:00.0
<b>*32 - Estimated Operator arrival date/time:</b>	2012-08-11 07:20:00.0
<b>*33 - Estimated spill end date/time:</b>	2012-08-11 08:45:00.0
<b>*34 - Spill cause:</b>	Other (specify below)
<b>35 - Spill cause explanation:</b>	Large mass of free roots blocking the manhole outlet.
<b>36 - Where did failure occur?</b>	Other (specify below)
<b>37 - Explanation of Where failure occurred:</b>	Manhole
<b>38 - If spill caused by wet weather, choose size of storm:</b>	
<b>39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):</b>	0
<b>40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):</b>	
<b>41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):</b>	0
<b>42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):</b>	Steep
<b>*43 - Spill response activities:</b>	Cleaned-up (mitigated effects of spill);Restored flow
<b>44 - Explanation of spill response activities:</b>	
<b>*1.2 - Spill response completion date:</b>	2012-08-11 10:30:00.0
<b>45 - Visual inspection results from impacted receiving water:</b>	
<b>*1.3 - Health warnings posted?</b>	No
<b>46a - Name of impacted beach(es) (enter NA if not applicable):</b>	
<b>*46b - Name of impacted surface water(s) (enter NA if not applicable):</b>	N/A
<b>*1.6 - Is there an ongoing investigation?</b>	Yes
<b>*1.7 - Water quality samples analyzed for:</b>	No water quality samples taken
<b>1.8 - Explanation of water quality samples analyzed for:</b>	
<b>*1.9 - Water quality sample results reported To:</b>	No water quality samples taken



**1.10 - Explanation of water quality sample results reported to:****\*1.11 - Spill corrective action taken:**

Other (specify below)

**1.12 - Explanation of spill corrective action taken:**

Will video inspect and access affected lines.

**Notification Details****47 - OES Control Number****48 - OES Called Date/Time****\*1.13 - County health agency notified:**

yes

**1.14 - Agency Name:**

L.A.County Public Health

**1.15 - Method Notification:**

telephone

**1.16 - Name of Staff Contacted:**

Deondra

**1.17 - Phone Number of Staff Contacted:**

1-213-974-1234

**1.18 - County health agency notified date/time:**

2012-08-11 10:41:00.0

**49 - Regional Water Quality Control Board notified date/time:**

2012-08-11 10:49:00.0

**50 - Method Notification:**

telephone

**51 - Name of Staff Contacted:**

Art

**52 - Phone Number of Staff Contacted:**

1-213-305-2253

**53 - Other Agency Notified:****54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:***NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	770493	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	1171 Coldwater Canyon Dr Beverly Hills, Ca	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken L Gettler on 2011-09-10 00:00:00.0**

**1 - Spill Type:** SSO Category 1  
**2 - Version:** Certified

**Physical Location Details**

**\*3 - Spill location name:** 1171 Coldwater Canyon Dr Beverly Hills, Ca  
**\*4 - Latitude of spill location:** 34.09563  
**\*5 - Longitude of spill location:** -118.40648  
**6 - Address:** 1171 Coldwater Canyon Drive  
**12 - City:** Beverly Hills **13 - State:** CA **14 - Zip:** 90210  
**\*15 - County:** Los Angeles  
**16 - Spill location description:** Sewage spill was coming out from an Edison vault.  
**\*17 - Regional Water Quality Control Board:** 4

**Spill Details**

**\*18 - Spill appearance point:** Manhole  
**19 - Spill appearance point explanation:**  
**\*20 - Did the spill discharge to a drainage channel and/or surface water?** No  
**\*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?** Yes  
**\*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?** No  
**\*23 - Private lateral spill?** No  
**24 - Name of responsible party (for private lateral spill only, if known):** The overflow came from an Edison vault

*25 - Final spill destination:	Separate storm drain;Street/curb and gutter
26 - Explanation of final spill destination:	
*27 - Estimated spill volume:	160 gallons
* 28 - Estimated volume of spill recovered:	0 gallons
*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:	N/A
29 - Estimated current spill rate (if applicable):	8 gallons per minute
*30 - Estimated spill start date/time:	2011-08-30 08:40:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2011-08-30 09:00:00.0
*32 - Estimated Operator arrival date/time:	2011-08-30 08:05:00.0
*33 - Estimated spill end date/time:	2011-08-30 09:00:00.0
*34 - Spill cause:	Other (specify below)
35 - Spill cause explanation:	There was a leak in the Edison vault that captured sewer and onto overflow
36 - Where did failure occur?	Other (specify below)
37 - Explanation of Where failure occurred:	There was a leak in the Edison vault.
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	0
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	0
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	
*43 - Spill response activities:	Cleaned-up (mitigated effects of spill)
44 - Explanation of spill response activities:	
*1.2 - Spill response completion date:	2011-08-30 09:00:00.0
45 - Visual inspection results from impacted receiving water:	NA
*1.3 - Health warnings posted?	No
46a - Name of impacted beach(es) (enter NA if not applicable):	NA
*46b - Name of impacted surface water(s) (enter NA if not applicable):	N/A
*1.6 - Is there an ongoing investigation?	No
*1.7 - Water quality samples analyzed for:	Not applicable to this spill
1.8 - Explanation of water quality samples analyzed for:	NA
*1.9 - Water quality sample results reported To:	Not applicable to this spill

**1.10 - Explanation of water quality sample results reported to:****\*1.11 - Spill corrective action taken:**

Other (specify below)

**1.12 - Explanation of spill corrective action taken:**

Will be informing Edison of the leaky vault.

**Notification Details****47 - OES Control Number****48 - OES Called Date/Time****\*1.13 - County health agency notified:**

yes

**1.14 - Agency Name:**

Los Angeles County Department of Public Health

**1.15 - Method Notification:**

Phone Call

**1.16 - Name of Staff Contacted:**

Vye

**1.17 - Phone Number of Staff Contacted:**

213-974-1234

**1.18 - County health agency notified date/time:**

2011-08-30 11:15:00.0

**49 - Regional Water Quality Control Board notified date/time:**

2011-08-30 12:00:00.0

**50 - Method Notification:**

Phone Call

**51 - Name of Staff Contacted:**

Augustine Anijielo

**52 - Phone Number of Staff Contacted:**

213-576-6600

**53 - Other Agency Notified:****54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?**

yes

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:**

2011-08-30 15:00:00.0

*NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	775245	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	1171 Coldwater Canyon Dr. Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken Gettler on 2012-01-04 00:00:00.0**

**1 - Spill Type:** SSO Category 1  
**2 - Version:** Certified

**Physical Location Details**

**\*3 - Spill location name:** 1171 Coldwater Canyon Dr. Beverly Hills, CA  
**\*4 - Latitude of spill location:** 34.09563  
**\*5 - Longitude of spill location:** -118.40648  
**6 - Address:** 1171 Coldwater Canyon Drive  
**12 - City:** Beverly Hills **13 - State:** CA **14 - Zip:** 90210  
**\*15 - County:** Los Angeles  
**16 - Spill location description:** Sewage spill came out from the Edison vault.  
**\*17 - Regional Water Quality Control Board:** 4

**Spill Details**

**\*18 - Spill appearance point:** Manhole  
**19 - Spill appearance point explanation:**  
**\*20 - Did the spill discharge to a drainage channel and/or surface water?** No  
**\*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?** Yes  
**\*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?** No  
**\*23 - Private lateral spill?** No  
**24 - Name of responsible party (for private lateral spill only, if known):** The overflow came from an Edison vault. The City provided the clean up.

**\*25 - Final spill destination:** Separate storm drain;Street/curb and gutter

**26 - Explanation of final spill destination:**

**\*27 - Estimated spill volume:** 240 gallons

**\* 28 - Estimated volume of spill recovered:** 0 gallons

**\*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:** N/A

**29 - Estimated current spill rate (if applicable):** 0 gallons per minute

**\*30 - Estimated spill start date/time:** 2011-12-31 11:20:00.0

**\*31 - Date and time sanitary sewer system agency was notified of or discovered spill:** 2011-12-31 11:20:00.0

**\*32 - Estimated Operator arrival date/time:** 2011-12-31 11:35:00.0

**\*33 - Estimated spill end date/time:** 2011-12-31 11:50:00.0

**\*34 - Spill cause:** Other (specify below)

**35 - Spill cause explanation:** There was a leak in the Edison vault that captured the sanitary sewer and onto overflow. The overflow from the Edison vault was coming out of the pickhole from the vault. It is difficult to determine the estimated amount of overflow because the vault size is different from the City's sanitary sewer overflow manhole cover. The City provided a courtesy cleanup and rodded the line to prevent the overflow coming out of the Edison vault.

**36 - Where did failure occur?** Other (specify below)

**37 - Explanation of Where failure occurred:** There was a leak in the Edison vault.

**38 - If spill caused by wet weather, choose size of storm:**

**39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):**

**41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):**

**\*43 - Spill response activities:** Cleaned-up (mitigated effects of spill)

**44 - Explanation of spill response activities:**

**\*1.2 - Spill response completion date:** 2011-12-31 12:10:00.0

**45 - Visual inspection results from impacted receiving water:** NA

**\*1.3 - Health warnings posted?** No

**46a - Name of impacted beach(es) (enter NA if not applicable):**

**\*46b - Name of impacted surface water(s) (enter NA if not applicable):** N/A

**\*1.6 - Is there an ongoing investigation?** No

**\*1.7 - Water quality samples analyzed for:** Not applicable to this spill

**1.8 - Explanation of water quality samples analyzed for:**

**\*1.9 - Water quality sample results reported To:** No water quality samples taken

**1.10 - Explanation of water quality sample results reported to:**

**\*1.11 - Spill corrective action taken:** Other (specify below)

**1.12 - Explanation of spill corrective action taken:** Investigate the cause of the Edison vault overflow.

**Notification Details**

**47 - OES Control Number** 193384

**48 - OES Called Date/Time** 2011-01-03 16:40:00.0

**\*1.13 - County health agency notified:** yes

**1.14 - Agency Name:** Los Angeles County Department of Public Health

**1.15 - Method Notification:** Phone call

**1.16 - Name of Staff Contacted:** Dory

**1.17 - Phone Number of Staff Contacted:** 213-974-1234

**1.18 - County health agency notified date/time:** 2012-01-03 16:30:00.0

**49 - Regional Water Quality Control Board notified date/time:** 2012-01-03 16:40:00.0

**50 - Method Notification:** Phone Call

**51 - Name of Staff Contacted:** Augustine Anijelo

**52 - Phone Number of Staff Contacted:** 213-576-6600

**53 - Other Agency Notified:**

**54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** yes

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:** 2012-01-03 17:00:00.0

*NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	776737	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

Note: Questions with "\*\*\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.

[Locate the spill on map](#)

Certified by Ken L. Gettler on 2012-01-31 00:00:00.0

<b>1 - Spill Type:</b>	SSO Category 1
<b>2 - Version:</b>	Certified

**Physical Location Details**

<b>*3 - Spill location name:</b>	Beverly Hills, CA
<b>*4 - Latitude of spill location:</b>	34.08085
<b>*5 - Longitude of spill location:</b>	-118.42255
<b>6 - Address:</b>	925 Whittier Drive
<b>12 - City:</b> Beverly Hills <b>13 - State:</b> CA <b>14 - Zip:</b> 90210	
<b>*15 - County:</b>	Los Angeles
<b>16 - Spill location description:</b>	
<b>*17 - Regional Water Quality Control Board:</b>	4

**Spill Details**

<b>*18 - Spill appearance point:</b>	Manhole
<b>19 - Spill appearance point explanation:</b>	
<b>*20 - Did the spill discharge to a drainage channel and/or surface water?</b>	No
<b>*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?</b>	Yes
<b>*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?</b>	No
<b>*23 - Private lateral spill?</b>	No
<b>24 - Name of responsible party (for private lateral spill only, if known):</b>	



**\*25 - Final spill destination:** Separate storm drain;Street/curb and gutter

**26 - Explanation of final spill destination:**

**\*27 - Estimated spill volume:** 54 gallons

**\* 28 - Estimated volume of spill recovered:** 44 gallons

**\*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:** N/A

**29 - Estimated current spill rate (if applicable):** 1 gallons per minute

**\*30 - Estimated spill start date/time:** 2012-01-31 13:20:00.0

**\*31 - Date and time sanitary sewer system agency was notified of or discovered spill:** 2012-01-31 13:20:00.0

**\*32 - Estimated Operator arrival date/time:** 2012-01-31 13:43:00.0

**\*33 - Estimated spill end date/time:** 2012-01-31 14:14:00.0

**\*34 - Spill cause:** Other (specify below)

**35 - Spill cause explanation:** Blockage consisted of roots mixed with grease

**36 - Where did failure occur?** Main

**37 - Explanation of Where failure occurred:**

**38 - If spill caused by wet weather, choose size of storm:**

**39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):**

**41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):**

**\*43 - Spill response activities:** Cleaned-up (mitigated effects of spill);Contained all or portion of spill;Restored flow;Returned all or portion of spill to sanitary sewer system

**44 - Explanation of spill response activities:**

**\*1.2 - Spill response completion date:** 2012-01-31 14:30:00.0

**45 - Visual inspection results from impacted receiving water:**

**\*1.3 - Health warnings posted?** No

**46a - Name of impacted beach(es) (enter NA if not applicable):**

**\*46b - Name of impacted surface water(s) (enter NA if not applicable):** N/A

**\*1.6 - Is there an ongoing investigation?** Yes

**\*1.7 - Water quality samples analyzed for:** No water quality samples taken

**1.8 - Explanation of water quality samples analyzed for:**

**\*1.9 - Water quality sample results reported To:** No water quality samples taken

**1.10 - Explanation of water quality sample results reported to:****\*1.11 - Spill corrective action taken:** Other (specify below)**1.12 - Explanation of spill corrective action taken:** Will video inspect location**Notification Details****47 - OES Control Number****48 - OES Called Date/Time****\*1.13 - County health agency notified:** yes**1.14 - Agency Name:** L.A. County Public Health**1.15 - Method Notification:** Telephone**1.16 - Name of Staff Contacted:** Falla**1.17 - Phone Number of Staff Contacted:** 626-430-5200**1.18 - County health agency notified date/time:** 2012-01-31 15:30:00.0**49 - Regional Water Quality Control Board notified date/time:****50 - Method Notification:****51 - Name of Staff Contacted:****52 - Phone Number of Staff Contacted:****53 - Other Agency Notified:****54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:***NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	778602	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken L. Gettler on 2012-03-13 00:00:00.0**

<b>1 - Spill Type:</b>	SSO Category 1
<b>2 - Version:</b>	Certified

**Physical Location Details**

<b>*3 - Spill location name:</b>	Beverly Hills, CA
<b>*4 - Latitude of spill location:</b>	34.09237
<b>*5 - Longitude of spill location:</b>	-118.408
<b>6 - Address:</b>	1126 Coldwater Cyn. Drive
<b>12 - City: 13 - State: CA 14 - Zip:</b>	
<b>*15 - County:</b>	Los Angeles
<b>16 - Spill location description:</b>	
<b>*17 - Regional Water Quality Control Board:</b>	4

**Spill Details**

<b>*18 - Spill appearance point:</b>	Gravity sewer;Manhole
<b>19 - Spill appearance point explanation:</b>	
<b>*20 - Did the spill discharge to a drainage channel and/or surface water?</b>	No
<b>*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?</b>	Yes
<b>*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?</b>	No
<b>*23 - Private lateral spill?</b>	No
<b>24 - Name of responsible party (for private lateral spill only, if known):</b>	

*25 - Final spill destination:	Separate storm drain;Street/curb and gutter
26 - Explanation of final spill destination:	
*27 - Estimated spill volume:	700 gallons
* 28 - Estimated volume of spill recovered:	0 gallons
*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:	N/A
29 - Estimated current spill rate (if applicable):	50 gallons per minute
*30 - Estimated spill start date/time:	2012-03-13 08:50:00.0
*31 - Date and time sanitary sewer system agency was notified of or discovered spill:	2012-03-13 08:50:00.0
*32 - Estimated Operator arrival date/time:	2012-03-13 08:56:00.0
*33 - Estimated spill end date/time:	2012-03-13 09:04:00.0
*34 - Spill cause:	Debri-General
35 - Spill cause explanation:	
36 - Where did failure occur?	Main
37 - Explanation of Where failure occurred:	
38 - If spill caused by wet weather, choose size of storm:	
39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):	8
40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):	VCP
41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):	0
42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):	Mixed
*43 - Spill response activities:	Cleaned-up (mitigated effects of spill);Restored flow
44 - Explanation of spill response activities:	
*1.2 - Spill response completion date:	2012-03-13 09:22:00.0
45 - Visual inspection results from impacted receiving water:	
*1.3 - Health warnings posted?	No
46a - Name of impacted beach(es) (enter NA if not applicable):	
*46b - Name of impacted surface water(s) (enter NA if not applicable):	N/A
*1.6 - Is there an ongoing investigation?	Yes
*1.7 - Water quality samples analyzed for:	No water quality samples taken
1.8 - Explanation of water quality samples analyzed for:	
*1.9 - Water quality sample results reported To:	No water quality samples taken

**1.10 - Explanation of water quality sample results reported to:**

**\*1.11 - Spill corrective action taken:**

Other (specify below)

**1.12 - Explanation of spill corrective action taken:**

Will conduct CCTV inspection of sewer main.

**Notification Details**

**47 - OES Control Number**

**48 - OES Called Date/Time**

**\*1.13 - County health agency notified:**

yes

**1.14 - Agency Name:**

L.A. County Public Health

**1.15 - Method Notification:**

Telephone

**1.16 - Name of Staff Contacted:**

Doreen

**1.17 - Phone Number of Staff Contacted:**

213-974-1234

**1.18 - County health agency notified date/time:**

2012-03-13 09:54:00.0

**49 - Regional Water Quality Control Board notified date/time:**

**50 - Method Notification:**

**51 - Name of Staff Contacted:**

**52 - Phone Number of Staff Contacted:**

**53 - Other Agency Notified:**

**54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:**

*NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	780801	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*\*\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)**Certified by Ken L Gettler on 2012-04-30 00:00:00.0**

<b>1 - Spill Type:</b>	SSO Category 1
<b>2 - Version:</b>	Certified

**Physical Location Details**

<b>*3 - Spill location name:</b>	Beverly Hills, CA
<b>*4 - Latitude of spill location:</b>	34.09091
<b>*5 - Longitude of spill location:</b>	-118.41651
<b>6 - Address:</b>	1116 Laurel Way
<b>12 - City:</b> Beverly Hills <b>13 - State:</b> CA <b>14 - Zip:</b> 90210	
<b>*15 - County:</b>	Los Angeles
<b>16 - Spill location description:</b>	
<b>*17 - Regional Water Quality Control Board:</b>	4

**Spill Details**

<b>*18 - Spill appearance point:</b>	Manhole
<b>19 - Spill appearance point explanation:</b>	
<b>*20 - Did the spill discharge to a drainage channel and/or surface water?</b>	No
<b>*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?</b>	Yes
<b>*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?</b>	No
<b>*23 - Private lateral spill?</b>	No
<b>24 - Name of responsible party (for private lateral spill only, if known):</b>	

**\*25 - Final spill destination:** Separate storm drain;Street/curb and gutter

**26 - Explanation of final spill destination:**

**\*27 - Estimated spill volume:** 30 gallons

**\* 28 - Estimated volume of spill recovered:** 0 gallons

**\*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:** N/A

**29 - Estimated current spill rate (if applicable):** 1.5 gallons per minute

**\*30 - Estimated spill start date/time:** 2012-04-30 13:21:00.0

**\*31 - Date and time sanitary sewer system agency was notified of or discovered spill:** 2012-04-30 13:21:00.0

**\*32 - Estimated Operator arrival date/time:** 2012-04-30 13:30:00.0

**\*33 - Estimated spill end date/time:** 2012-04-30 13:41:00.0

**\*34 - Spill cause:** Other (specify below)

**35 - Spill cause explanation:** Mass of free roots obstructing outlet of manhole

**36 - Where did failure occur?** Other (specify below)

**37 - Explanation of Where failure occurred:** manhole

**38 - If spill caused by wet weather, choose size of storm:**

**39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):**

**41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):**

**\*43 - Spill response activities:** Cleaned-up (mitigated effects of spill);Restored flow

**44 - Explanation of spill response activities:**

**\*1.2 - Spill response completion date:** 2012-04-30 14:00:00.0

**45 - Visual inspection results from impacted receiving water:**

**\*1.3 - Health warnings posted?** No

**46a - Name of impacted beach(es) (enter NA if not applicable):**

**\*46b - Name of impacted surface water(s) (enter NA if not applicable):** N/A

**\*1.6 - Is there an ongoing investigation?** No

**\*1.7 - Water quality samples analyzed for:** No water quality samples taken

**1.8 - Explanation of water quality samples analyzed for:**

**\*1.9 - Water quality sample results reported To:** No water quality samples taken

**1.10 - Explanation of water quality sample results reported to:**

**\*1.11 - Spill corrective action taken:** Other (specify below)

**1.12 - Explanation of spill corrective action taken:** will video line

**Notification Details**

**47 - OES Control Number**

**48 - OES Called Date/Time**

**\*1.13 - County health agency notified:** yes

**1.14 - Agency Name:** Los Angeles County Public Health

**1.15 - Method Notification:** telephone

**1.16 - Name of Staff Contacted:** Lauri

**1.17 - Phone Number of Staff Contacted:** 213-974-1234

**1.18 - County health agency notified date/time:** 2012-04-30 14:18:00.0

**49 - Regional Water Quality Control Board notified date/time:**

**50 - Method Notification:**

**51 - Name of Staff Contacted:**

**52 - Phone Number of Staff Contacted:**

**53 - Other Agency Notified:**

**54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:**

*NOTE: questions with "\*" are required to be answered to certify this report.*





You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	780825	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken L. Gettler on 2012-05-01 00:00:00.0**

<b>1 - Spill Type:</b>	SSO Category 1
<b>2 - Version:</b>	Certified

**Physical Location Details**

<b>*3 - Spill location name:</b>	Beverly Hills, CA
<b>*4 - Latitude of spill location:</b>	34.05561
<b>*5 - Longitude of spill location:</b>	-118.40593
<b>6 - Address:</b>	Beverly Green Drive
<b>12 - City:</b> Beverly Hills <b>13 - State:</b> CA <b>14 - Zip:</b> 90210	
<b>*15 - County:</b>	Los Angeles
<b>16 - Spill location description:</b>	
<b>*17 - Regional Water Quality Control Board:</b>	4

**Spill Details**

<b>*18 - Spill appearance point:</b>	Manhole
<b>19 - Spill appearance point explanation:</b>	
<b>*20 - Did the spill discharge to a drainage channel and/or surface water?</b>	No
<b>*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?</b>	Yes
<b>*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?</b>	No
<b>*23 - Private lateral spill?</b>	No
<b>24 - Name of responsible party (for private lateral spill only, if known):</b>	

**\*25 - Final spill destination:** Separate storm drain;Street/curb and gutter

**26 - Explanation of final spill destination:**

**\*27 - Estimated spill volume:** 295 gallons

**\* 28 - Estimated volume of spill recovered:** 0 gallons

**\*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:** N/A

**29 - Estimated current spill rate (if applicable):** 0 gallons per minute

**\*30 - Estimated spill start date/time:** 2012-04-30 18:58:00.0

**\*31 - Date and time sanitary sewer system agency was notified of or discovered spill:** 2012-04-30 18:58:00.0

**\*32 - Estimated Operator arrival date/time:** 2012-04-30 19:39:00.0

**\*33 - Estimated spill end date/time:** 2012-04-30 19:47:00.0

**\*34 - Spill cause:** Other (specify below)

**35 - Spill cause explanation:** Lateral roots pushed into our mainline.

**36 - Where did failure occur?** Main

**37 - Explanation of Where failure occurred:**

**38 - If spill caused by wet weather, choose size of storm:**

**39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):**

**41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):**

**\*43 - Spill response activities:** Cleaned-up (mitigated effects of spill);Restored flow

**44 - Explanation of spill response activities:**

**\*1.2 - Spill response completion date:** 2012-04-30 20:01:00.0

**45 - Visual inspection results from impacted receiving water:**

**\*1.3 - Health warnings posted?** No

**46a - Name of impacted beach(es) (enter NA if not applicable):**

**\*46b - Name of impacted surface water(s) (enter NA if not applicable):** N/A

**\*1.6 - Is there an ongoing investigation?** Yes

**\*1.7 - Water quality samples analyzed for:** No water quality samples taken

**1.8 - Explanation of water quality samples analyzed for:**

**\*1.9 - Water quality sample results reported To:** No water quality samples taken

**1.10 - Explanation of water quality sample results reported to:**

**\*1.11 - Spill corrective action taken:** Other (specify below)

**1.12 - Explanation of spill corrective action taken:** Line placed on an increased maintenance schedule.

**Notification Details**

**47 - OES Control Number**

**48 - OES Called Date/Time**

**\*1.13 - County health agency notified:** yes

**1.14 - Agency Name:** L.A. Dept. Public Health

**1.15 - Method Notification:** Telephone

**1.16 - Name of Staff Contacted:** Cynthia

**1.17 - Phone Number of Staff Contacted:** 213-974-1234

**1.18 - County health agency notified date/time:** 2012-04-30 20:26:00.0

**49 - Regional Water Quality Control Board notified date/time:**

**50 - Method Notification:**

**51 - Name of Staff Contacted:**

**52 - Phone Number of Staff Contacted:**

**53 - Other Agency Notified:**

**54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:**

*NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	780833	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*\*\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken L. Gettler on 2012-05-01 00:00:00.0**

<b>1 - Spill Type:</b>	SSO Category 1
<b>2 - Version:</b>	Certified

**Physical Location Details**

<b>*3 - Spill location name:</b>	Beverly Hills, CA
<b>*4 - Latitude of spill location:</b>	34.05751
<b>*5 - Longitude of spill location:</b>	-118.40586
<b>6 - Address:</b>	471 Roxbury Drive
<b>12 - City:</b> Beverly Hills <b>13 - State:</b> CA <b>14 - Zip:</b> 90210	
<b>*15 - County:</b>	Los Angeles
<b>16 - Spill location description:</b>	
<b>*17 - Regional Water Quality Control Board:</b>	4

**Spill Details**

<b>*18 - Spill appearance point:</b>	Manhole
<b>19 - Spill appearance point explanation:</b>	
<b>*20 - Did the spill discharge to a drainage channel and/or surface water?</b>	No
<b>*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?</b>	Yes
<b>*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?</b>	No
<b>*23 - Private lateral spill?</b>	No
<b>24 - Name of responsible party (for private lateral spill only, if known):</b>	

**\*25 - Final spill destination:** Separate storm drain;Street/curb and gutter

**26 - Explanation of final spill destination:**

**\*27 - Estimated spill volume:** 750 gallons

**\* 28 - Estimated volume of spill recovered:** 0 gallons

**\*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:** N/A

**29 - Estimated current spill rate (if applicable):** 0 gallons per minute

**\*30 - Estimated spill start date/time:** 2012-05-01 08:34:00.0

**\*31 - Date and time sanitary sewer system agency was notified of or discovered spill:** 2012-05-01 08:34:00.0

**\*32 - Estimated Operator arrival date/time:** 2012-05-01 08:43:00.0

**\*33 - Estimated spill end date/time:** 2012-05-01 08:49:00.0

**\*34 - Spill cause:** Grease deposition (FOG)

**35 - Spill cause explanation:**

**36 - Where did failure occur?** Main

**37 - Explanation of Where failure occurred:**

**38 - If spill caused by wet weather, choose size of storm:**

**39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):**

**41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):**

**\*43 - Spill response activities:** Cleaned-up (mitigated effects of spill);Restored flow

**44 - Explanation of spill response activities:**

**\*1.2 - Spill response completion date:** 2012-05-01 09:45:00.0

**45 - Visual inspection results from impacted receiving water:**

**\*1.3 - Health warnings posted?** No

**46a - Name of impacted beach(es) (enter NA if not applicable):**

**\*46b - Name of impacted surface water(s) (enter NA if not applicable):** N/A

**\*1.6 - Is there an ongoing investigation?** No

**\*1.7 - Water quality samples analyzed for:** No water quality samples taken

**1.8 - Explanation of water quality samples analyzed for:**

**\*1.9 - Water quality sample results reported To:** No water quality samples taken

**1.10 - Explanation of water quality sample results reported to:**

**\*1.11 - Spill corrective action taken:** Adjusted schedule/method of preventive maintenance

**1.12 - Explanation of spill corrective action taken:** NA

**Notification Details**

**47 - OES Control Number**

**48 - OES Called Date/Time**

**\*1.13 - County health agency notified:** yes

**1.14 - Agency Name:** L.A. Dept. Public Health

**1.15 - Method Notification:** Telephone

**1.16 - Name of Staff Contacted:** Tnaisha

**1.17 - Phone Number of Staff Contacted:** 213-974-1234

**1.18 - County health agency notified date/time:** 2012-05-01 10:08:00.0

**49 - Regional Water Quality Control Board notified date/time:**

**50 - Method Notification:**

**51 - Name of Staff Contacted:**

**52 - Phone Number of Staff Contacted:**

**53 - Other Agency Notified:**

**54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:**

*NOTE: questions with "\*" are required to be answered to certify this report.*



You are logged-in as: PUBLIC.

**SSO - General Information**

<b>SSO Event ID:</b>	781325	<b>Regional Water Board:</b>	4
<b>Spill Location Name:</b>	Beverly Hills, CA	<b>Agency:</b>	Beverly Hills City DPW
<b>WDID:</b>	4SSO10370	<b>Sanitary Sewer System:</b>	Beverly Hills City CS

General Info[Glossary of Terms](#)

*Note: Questions with "\*\*\*" are required to be answered to certify this report.  
Questions with prefix 1. do not exist in Category 2.*

[Locate the spill on map](#)

**Certified by Ken L. Gettler on 2012-05-15 00:00:00.0**

<b>1 - Spill Type:</b>	SSO Category 1
<b>2 - Version:</b>	Certified

**Physical Location Details**

<b>*3 - Spill location name:</b>	Beverly Hills, CA
<b>*4 - Latitude of spill location:</b>	34.05717
<b>*5 - Longitude of spill location:</b>	-118.4032
<b>6 - Address:</b>	474 Peck Drive
<b>12 - City:</b> Beverly Hills <b>13 - State:</b> CA <b>14 - Zip:</b> 90210	
<b>*15 - County:</b>	Los Angeles
<b>16 - Spill location description:</b>	
<b>*17 - Regional Water Quality Control Board:</b>	4

**Spill Details**

<b>*18 - Spill appearance point:</b>	Building or structure;Manhole
<b>19 - Spill appearance point explanation:</b>	
<b>*20 - Did the spill discharge to a drainage channel and/or surface water?</b>	No
<b>*21 - Did the spill reach a separate (i.e.,not combined) storm drainpipe?</b>	Yes
<b>*22 - If spill reached to a separate storm drainpipe, was all of the wastewater fully captured from the separate storm drain and returned to the sanitary sewer system?</b>	No
<b>*23 - Private lateral spill?</b>	No
<b>24 - Name of responsible party (for private lateral spill only, if known):</b>	

**\*25 - Final spill destination:** Building or structure; Separate storm drain; Street/curb and gutter

**26 - Explanation of final spill destination:**

**\*27 - Estimated spill volume:** 280 gallons

**\*28 - Estimated volume of spill recovered:** 150 gallons

**\*1.1 - Estimated volume of spill that reached surface water, drainage channel, or not recovered from a separate storm drain:** N/A

**29 - Estimated current spill rate (if applicable):** 2.7 gallons per minute

**\*30 - Estimated spill start date/time:** 2012-05-14 16:35:00.0

**\*31 - Date and time sanitary sewer system agency was notified of or discovered spill:** 2012-05-14 16:35:00.0

**\*32 - Estimated Operator arrival date/time:** 2012-05-14 16:45:00.0

**\*33 - Estimated spill end date/time:** 2012-05-14 18:19:00.0

**\*34 - Spill cause:** Other (specify below)

**35 - Spill cause explanation:** A mass consisting of roots, grease, and paper.

**36 - Where did failure occur?** Main

**37 - Explanation of Where failure occurred:**

**38 - If spill caused by wet weather, choose size of storm:**

**39 - Diameter of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**40 - Material of sewer pipe at the point of blockage or spill cause (if applicable):**

**41 - Estimated age of sewer pipe at the point of blockage or spill cause (if applicable):** 0

**42 - Description of terrain surrounding the point of blockage or spill cause (if applicable):**

**\*43 - Spill response activities:** Cleaned-up (mitigated effects of spill); Contained all or portion of spill; Restored flow; Returned all or portion of spill to sanitary sewer system

**44 - Explanation of spill response activities:**

**\*1.2 - Spill response completion date:** 2012-05-14 18:39:00.0

**45 - Visual inspection results from impacted receiving water:**

**\*1.3 - Health warnings posted?** No

**46a - Name of impacted beach(es) (enter NA if not applicable):**

**\*46b - Name of impacted surface water(s) (enter NA if not applicable):** N/A

**\*1.6 - Is there an ongoing investigation?** Yes

**\*1.7 - Water quality samples analyzed for:** No water quality samples taken

**1.8 - Explanation of water quality samples analyzed for:**

**\*1.9 - Water quality sample results reported To:** No water quality samples taken



**1.10 - Explanation of water quality sample results reported to:**

**\*1.11 - Spill corrective action taken:** Adjusted schedule/method of preventive maintenance;Other (specify below)

**1.12 - Explanation of spill corrective action taken:** Will CCTV inspect mainline

**Notification Details**

**47 - OES Control Number**

**48 - OES Called Date/Time**

**\*1.13 - County health agency notified:** yes

**1.14 - Agency Name:** Los Angeles County Public Health

**1.15 - Method Notification:** Telephone

**1.16 - Name of Staff Contacted:** Cynthia

**1.17 - Phone Number of Staff Contacted:** 213-974-1234

**1.18 - County health agency notified date/time:** 2012-05-14 20:17:00.0

**49 - Regional Water Quality Control Board notified date/time:**

**50 - Method Notification:**

**51 - Name of Staff Contacted:**

**52 - Phone Number of Staff Contacted:**

**53 - Other Agency Notified:**

**54 - Was any of this spill report information submitted via fax (or electronically) to the Regional Water Quality Control Board?** no

**55 - Date and time spill report information was submitted via fax (or electronically) to the Regional Water quality Control Board:**

*NOTE: questions with "\*" are required to be answered to certify this report.*

Attachment 3

City of Beverly Hills SSO Field Reports for Spills Reported

Between July 1, 2011 and August 9, 2012



City of Beverly Hills  
Sanitary Sewer Overflow (SSO) Field Report

**FIELD REPORT:**

DATE:	1/31/2012
CALL RECEIVED TIME:	1:20 PM
LOCATION OF THE SSO:	Whittier Dr 925
CROSS ST. OF THE SSO:	LADERA DR
TIME ARRIVED AT SITE:	1:43 PM
TIME SSO WAS STOPPED:	2:14 PM
DURATION OF SSO (MIN.):	54 min
ESTIMATED OVERFLOW (GPM):	54
U/S MH #	1633
D/S MH #	1634
SIZE OF LINE (IN.)	8"
LENGTH OF LINE (FT.)	341

**DESCRIBE THE CAUSE OF THE SSO:**

~~Roots~~ BLOCKAGE CONSISTED OF ROOTS  
MIXED WITH GREASE.

**DESCRIBE THE CLEANUP METHOD AND AMOUNT RECOVERED:**

WE MADE A BERM ALONG THE CURB STOPPING  
THE WASTEWATER FROM GOING INTO THE CATCH BASIN.  
AND A TOTAL OF 10 GALLONS WAS RECOVERED.

Report completed by: DANITRE WILLIAMS

Crew Dispatched: LINE 1



CALL BACK

JA 8-9-12

City of Beverly Hills  
Sanitary Sewer Overflow (SSO) Field Report

LAT 34.05561 Long -118.40593

FIELD REPORT:

DATE:	4/30/2012
CALL RECEIVED TIME:	6:58 PM
LOCATION OF THE SSO:	BEVERLY GREEN DR / HILL GREEN PL.
CROSS ST. OF THE SSO:	
TIME ARRIVED AT SITE:	7:39 PM
TIME SSO WAS STOPPED:	7:47 PM
DURATION OF SSO (MIN.):	59 MINS.
ESTIMATED OVERFLOW (GPM):	5 GPM
U/S MH #	
D/S MH #	
SIZE OF LINE (IN.)	
LENGTH OF LINE (FT.)	

DESCRIBE THE CAUSE OF THE SSO:

LATERAL ROOTS PUSHED INTO MAINLINE

DESCRIBE THE CLEANUP METHOD AND AMOUNT RECOVERED:

AMOUNT RECOVERED 0

REPORTED TO LADPH (CYNTHIA) 8:01 PM

TICKET # 221107

Report completed by: KEN GETTLEN

Crew Dispatched: FAUSTO ZAGAL / PAUL MARQUEZ

NOTIFIED  
6:58 PM



JA 8-9-12

City of Beverly Hills  
Sanitary Sewer Overflow (SSO) Field Report

LAT 34.05751 Long -118.40586

FIELD REPORT:

471 ROXBURY DR

DATE:	5-1-12
CALL RECEIVED TIME:	8:34 AM
LOCATION OF THE SSO:	471 ROXBURY PARK ALLEY REAR ROXBURY PARK MH2-116
CROSS ST. OF THE SSO:	ROXBURY & BEVERLY GREEN
TIME ARRIVED AT SITE:	8:43 AM
TIME SSO WAS STOPPED:	8:49 AM
DURATION OF SSO (MIN.):	15 MINUTES
ESTIMATED OVERFLOW (GPM):	750 GALLONS
U/S MH #	246
D/S MH #	2-116
SIZE OF LINE (IN.)	8"
LENGTH OF LINE (FT.)	120'

DESCRIBE THE CAUSE OF THE SSO: GREASE IN LINEDESCRIBE THE CLEANUP METHOD AND AMOUNT RECOVERED:

REPORTED TO LADPH (TNAISHA) 10:08 AM

TICKET # 221292

Report completed by:

KEN GETTLER

Crew Dispatched:

GARDNER MCKAY &amp; JOSE ALVAREZ

Attachment 4

City of Beverly Hills Internal Audit for SSSWDR Compliance – Legal Authority Evaluation

(Conducted by Advanced Infrastructure Management, Inc. in 2007)

- (c) Ensure access for maintenance, inspection, or repairs for portions of the lateral owned or maintained by the Public Agency;
- (d) Limit the discharge of fats, oils, and grease and other debris that may cause blockages, and
- (e) Enforce any violation of its sewer ordinances.

### 3.4 Evaluation

*Does the City Ordinance provide necessary control measures for illicit discharges including:*

1. *Infiltration and Inflow;*
2. *Fats/Oils/Grease (FOG);*
3. *Chemicals that may be harmful and/or dangerous to infrastructure and the environment; and*
4. *Other debris such as root cutting and construction materials?*

After reviewing the City Ordinance, it does not appear that there are any provisions for control measures for illicit discharges. Chapter 1 – City Utility Services, Article 3, Section 6-1-307 “Wastewater System; General Regulations” does identify prohibited activities for the City’s sanitary sewer system.

*Do City ordinances and/or other legally binding requirements contain adequate legal authority to require proper design and construction of new and rehabilitation work?*

After reviewing the City’s website and all other online resources provided by the City of Beverly Hills, there is adequate language pertaining to the proper design and construction of new and rehabilitation work in the sanitary sewer system within the City of Beverly Hills.

*Do City legal requirements provide for both access for maintenance, repair, and inspection for all collection system assets?*

After reviewing the City’s website and all other online resources provided by the City of Beverly Hills, there is adequate language pertaining to access to the sanitary sewer system for maintenance, repair and inspection within the City of Beverly Hills.

*Does the City’s legal authority provide for enforcement measures in case of Ordinance violations?*

After reviewing the City’s website and all other online resources provided by the City of Beverly Hills, there are adequate provisions to provide the legal authority for enforcement of ordinance violations pertaining to the sanitary sewer system within the City of Beverly Hills.

*Are all service agreements up to date and explicitly identify roles and responsibilities and expectations?*

City of Beverly Hills  
Waste Discharge Requirements (WDR) Compliance Audit

According to the City's staff, currently, there is one service agreements between the City of Beverly Hills and Los Angeles County in regards to the FOG inspection and maintenance.

*Are other legally binding procedures documented, kept up to date, and available?*

According to the City's website, all legally binding procedures are documented, updated and available at City Hall.

### **3.5 Recommendations**

The City should consider revising municipal codes, ordinance, and/or resolutions necessary to further develop the authority needed to implement many of the required SSMP elements and programs. Ordinances should also deal with easements and ingress-egress issues needed for access, ownership, and maintenance of all collection system assets. The City should consider revisiting agreements with all contractors, to explicitly lay out rolls, responsibilities, levels of service, programmatic implementation, and assumed liabilities and assumptions of risk.